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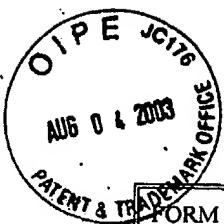
SHEET 1 OF 7

| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |                 | DOCKET NUMBER<br>MAT 3D7     | APPLICATION NUMBER<br>09/851,539 |       |           |  |
|---|-----------------|------------------------------|----------------------------------|-------|-----------|--|
|   |                 | APPLICANT<br>William Willett |                                  |       |           |  |
|   |                 | FILING DATE<br>May 7, 2001   | GROUP ART UNIT<br>3712           |       |           |  |
| U.S. PATENT DOCUMENTS   |                 |                              |                                  |       |           |  |
| EXAMINER INITIAL  | DOCUMENT NUMBER | DATE                         | NAME                             | CLASS | SUB CLASS | FIL. DATE IF APPROP.                         |
| D.G.  | 248,115         | 10/11/1881                   | Stearns, Jr.                     |       |           |  |
|   | 3,298,130       | 1/17/67                      | Ryan                             |       |           | RECEIVED AUG 05 2003 TECHNOLOGY CENTER R3700 |
|   | 3,767,901       | 10/23/73                     | Black et al.                     |       |           |  |
|   | 3,912,694       | 10/14/75                     | Chiappe et al.                   |       |           |  |
|   | 4,107,462       | 8/15/78                      | Asija                            |       |           |  |
|   | 4,139,968       | 2/20/79                      | Milner                           |       |           |  |
|   | 4,177,589       | 12/11/79                     | Villa                            |       |           |  |
|   | 4,207,704       | 6/17/80                      | Akiyama                          |       |           |  |
|   | 4,231,184       | 11/4/80                      | Corris et al.                    |       |           |  |
|   | 4,245,430       | 1/20/81                      | Hoyt                             |       |           |  |
| D.G.  | 4,318,245       | 3/9/82                       | Stowell et al.                   |       |           |  |
| FOREIGN PATENT DOCUMENTS  |                 |                              |                                  |       |           |  |
|   | DOCUMENT NUMBER | DATE                         | COUNTRY                          | CLASS | SUB CLASS | TRANSLATION<br>YES NO                        |
| D.G.  | WO 87/07522     | 12/17/87                     | WIPO                             |       |           | XX   |
| D.G.  | WO 96/15837     | 5/30/96                      | WIPO                             |       |           | XX   |
| OTHER DOCUMENTS   |                 |                              |                                  |       |           |  |
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| EXAMINER  |                 |                              | DATE CONSIDERED                  |       |           |  |

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| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |                 | DOCKET NUMBER<br>MAT 3D7     | APPLICATION NUMBER<br>09/851,539 |       |           |  |
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|   |                 | APPLICANT<br>William Willett |                                  |       |           |  |
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| U.S. PATENT DOCUMENTS   |                 |                              |                                  |       |           |  |
| EXAMINER INITIAL  | DOCUMENT NUMBER | DATE                         | NAME                             | CLASS | SUB CLASS | FIL. DATE IF APPROP.                         |
| D.G.  | 4,516,950       | 5/14/85                      | Berman et al.                    | 1     |           |  |
| 1   | 4,565,487       | 1/21/86                      | Kroczyński                       | 1     |           | RECEIVED AUG 05 2003 TECHNOLOGY CENTER R3200 |
| 1   | 4,579,540       | 4/1/86                       | Ho                               |       |           |  |
| 1   | 4,659,919       | 4/21/87                      | Price                            |       |           |  |
| D.G.  | 4,660,033       | 4/21/87                      | Brandt                           |       |           |  |
| FOREIGN PATENT DOCUMENTS  |                 |                              |                                  |       |           |  |
|   | DOCUMENT NUMBER | DATE                         | COUNTRY                          | CLASS | SUB CLASS | TRANSLATION<br>YES      NO                   |
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| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |  | DOCKET NUMBER<br>MAT 3D7     | APPLICATION NUMBER<br>09/851,539 |
|   |  | APPLICANT<br>William Willett |                                  |
|   |  | FILING DATE<br>May 7, 2001   | GROUP ART UNIT<br>3712           |

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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE    | NAME            | CLASS | SUB CLASS | FIL. DATE IF APPROP.                |
|------------------|-----------------|---------|-----------------|-------|-----------|-------------------------------------|
| D.G.             | 4,696,653       | 9/29/87 | McKeefery       | 1     |           |                                     |
|                  | 4,729,563       | 3/8/88  | Yokoi           | 1     |           |                                     |
|                  | 4,767,374       | 8/30/88 | Yang            |       |           | AUG 05 2003 TECHNOLOGY CENTER R3700 |
|                  | 4,809,335       | 2/28/89 | Rumsey          |       |           |                                     |
|                  | 4,825,136       | 4/25/89 | Farhat          |       |           |                                     |
|                  | 4,846,693       | 7/11/89 | Baer            |       |           |                                     |
|                  | 4,850,930       | 7/25/89 | Sato et al.     |       |           |                                     |
|                  | 4,855,725       | 8/8/89  | Fernandez       |       |           |                                     |
| D.G.             | 4,864,607       | 9/5/89  | Mitamura et al. |       |           |                                     |

#### FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION<br>YES | NO |
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| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |                 | DOCKET NUMBER<br>MAT 3D7     | APPLICATION NUMBER<br>09/851,539 |       |           |   |
|---|-----------------|------------------------------|----------------------------------|-------|-----------|---|
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|   |                 | FILING DATE<br>May 7, 2001   | GROUP ART UNIT<br>3712           |       |           |   |
| <b>U.S. PATENT DOCUMENTS</b>  |                 |                              |                                  |       |           |   |
| EXAMINER INITIAL  | DOCUMENT NUMBER | DATE                         | NAME                             | CLASS | SUB CLASS | FIL. DATE IF APPROP.  |
| DG  | 5,011,449       | 4/30/91                      | Handy et al.                     | 1     |           | <i>RECEIVED<br/>TECHNOLOGY CENTER R3700<br/>AUG 05 2003</i> |
|   | 5,029,214       | 7/2/91                       | Hollander                        |       |           |   |
|   | 5,096,451       | 3/17/92                      | Smith et al.                     |       |           |   |
|   | 5,100,138       | 3/31/92                      | Wilde                            |       |           |   |
|   | 5,141,464       | 8/25/92                      | Stern et al.                     |       |           |   |
|   | 5,142,803       | 9/1/92                       | Lang                             |       |           |   |
|   | 5,158,492       | 10/27/92                     | Rudell et al.                    |       |           |   |
|   | 5,195,920       | 3/23/93                      | Collier                          |       |           |   |
|   | 5,213,510       | 5/25/93                      | Freeman                          |       |           |   |
| DG  | 5,236,385       | 8/17/93                      | May                              |       |           |   |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                 |                              |                                  |       |           |   |
|   | DOCUMENT NUMBER | DATE                         | COUNTRY                          | CLASS | SUB CLASS | TRANSLATION<br>YES      NO                                  |
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| <b>OTHER DOCUMENTS</b>  |                 |                              |                                  |       |           |   |
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09/851,539

APPLICANT  
William Willett

FILING DATE  
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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE     | NAME          | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
|------------------|-----------------|----------|---------------|-------|-----------|----------------------|
| DG               | 5,239,665       | 8/24/93  | Tsuchiya      |       |           |                      |
|                  | 5,270,480       | 12/14/93 | Hikawa        |       |           |                      |
|                  | 5,280,265       | 1/18/94  | Kramer et al. |       |           |                      |
|                  | 5,413,355       | 5/9/95   | Gonzalez      |       |           |                      |
|                  | 5,413,516       | 5/9/95   | Lam           |       |           |                      |
|                  | 5,468,172       | 11/21/95 | Basile        |       |           |                      |
|                  | 5,474,484       | 12/12/95 | Lemelle       |       |           |                      |
| DG               | 5,478,240       | 12/26/95 | Cogliano      |       |           |                      |

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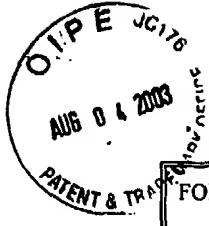
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CITATION IN AN APPLICATION

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APPLICANT  
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
|------------------|-----------------|---------|-------------------|-------|-----------|----------------------|
| DG               | 5,495,557       | 2/27/96 | Hyman et al.      |       |           |                      |
|                  | 5,493,185       | 2/20/96 | Mohr et al.       |       |           |                      |
|                  | 5,493,281       | 2/20/96 | Owens             |       |           |                      |
|                  | 5,501,627       | 3/26/96 | Ekstein           |       |           |                      |
|                  | 5,534,888       | 7/9/96  | Lebby et al.      |       |           |                      |
|                  | 5,636,994       | 6/10/97 | Tong              |       |           |                      |
| DG               | 5,648,999       | 7/15/97 | Easterling et al. |       |           |                      |

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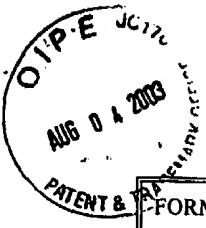
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| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |                 | DOCKET NUMBER<br>MAT 3D7     | APPLICATION NUMBER<br>09/851,539 |       |           |                            |
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| U.S. PATENT DOCUMENTS   |                 |                              |                                  |       |           |                            |
| EXAMINER INITIAL  | DOCUMENT NUMBER | DATE                         | NAME                             | CLASS | SUB CLASS | FIL. DATE IF APPROP.       |
| D.S.  | 5,655,945       | 8/12/97                      | Jani                             |       |           |                            |
|   | 5,656,907       | 8/12/97                      | Chainani et al.                  |       |           |                            |
|   | 5,682,196       | 10/28/97                     | Freeman                          |       |           |                            |
|   | 5,855,483       | 1/5/99                       | Collins et al.                   |       |           |                            |
|   | 5,873,765       | 2/23/99                      | Rifkin et al.                    |       |           |                            |
|   | 6,048,209       | 4/11/00                      | Bailey                           |       |           |                            |
|   | 6,159,101       | 12/12/00                     | Simpson                          |       |           |                            |
| D.S.  | 6,435,936       | 8/20/02                      | Rehkemper et al.                 |       |           |                            |
| FOREIGN PATENT DOCUMENTS  |                 |                              |                                  |       |           |                            |
|   | DOCUMENT NUMBER | DATE                         | COUNTRY                          | CLASS | SUB CLASS | TRANSLATION<br>YES      NO |
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